

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Gopal Thinakaran

Serial No.: 10/051,767

Filed: January 17, 2002

For: FUNCTIONAL SCREENING



Group Art Unit: 1645

Examiner: Unknown

Atty. Dkt. No.: ARCD:364US/MBW

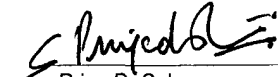
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:

April 15, 2002
Date


Priya D. Subramony

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is hereby authorized to deduct said fees from Fulbright & Jaworski Deposit Account No.: 50-1212/10200382/MBW.

Applicant respectfully requests that the listed documents be made of record in the present case.



FULBRIGHT & JAWORSKI L.L.P.
600 Congress Avenue, Suite 2400
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(512) 474-5201

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Priya D. Subramony".

Priya D. Subramony
Reg. No. 50,939
Agent for Applicant

Date: April 15, 2002

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
 ARCD:364US/MBW

Serial No.
 10/051,767

Applicant
 Gopal Thinakaran

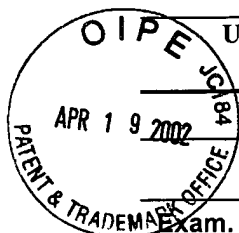
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Foreign Patent Documents
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U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
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Foreign Patent Documents

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation |
|-------------|-----------|--|
| | C1 | Borchelt, <i>et al.</i> , "Familial Alzheimer's disease-linked presenilin 1 variants elevate Abeta1-42/1-40 ratio in vitro and <i>in vivo</i> ," <i>Neuron</i> , 17:1005-1013, 1996. |
| | C2 | Doan, <i>et al.</i> , "Protein topology of presenilin 1," <i>Neuron</i> , 17:1023-1030, 1996. |
| | C3 | Naruse, <i>et al.</i> , "Effects of PS1 deficiency on membrane protein trafficking in neurons," <i>Neuron</i> , 21:1213-1221, 1998. |
| | C4 | Ratovitski, <i>et al.</i> , "Endoproteolytic processing and stabilization of wild-type and mutant presenilin," <i>J. Biol. Chem.</i> , 272:24536-24541, 1997. |
| | C5 | Saura <i>et al.</i> , "Evidence that intramolecular associations between presenilin domains are obligatory for endoproteolytic processing," <i>J. Biological Chem.</i> , 274:13818-13823, 1999. |
| | C6 | Saura <i>et al.</i> , "The nonconserved hydrophilic loop domain of presenilin (PS) is not required for PS endoproteolysis or enhanced A β 42 production mediated by familial early onset Alzheimer's, disease-linked PS variants," <i>J. Biological Chemistry</i> , 275:17136-17142, 2000. |
| | C7 | Seeger, <i>et al.</i> , "Evidence for phosphorylation and oligomeric assembly of presenilin 1," <i>Proc. Natl. Acad. Sci. USA</i> , 94:5090-5094, 1997. |
| | C8 | Sisodia, <i>et al.</i> , "Function and Dysfunction of the Presenilins," <i>Am J Hum Genet</i> , 65:7-12, 1999. |
| | C9 | Thinakaran, "The role of presenilins in Alzheimer's disease," <i>J Clin Invest</i> , 104:1321-1327, 1999. |
| | C10 | Thinakaran, "Metabolism of presenilins," <i>J. of Molecular Neuroscience</i> , 17:183-192, 2001. |

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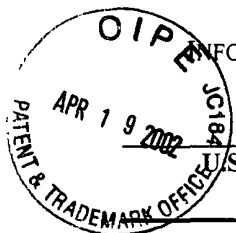
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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

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|-------------|-----------|---|
| | C11 | Thinakaran, <i>et al.</i> , "Endoproteolysis of presenilin 1 and accumulation of processed derivatives <i>in vivo</i> ," <i>Neuron</i> , 17:181-190, 1996. |
| | C12 | Thinakaran, <i>et al.</i> , "Evidence that levels of presenilins (PS1 and PS2) are coordinately regulated by competition for limiting cellular factors," <i>J. Biol. Chem.</i> , 272:28415-28422, 1997. |
| | C13 | Thinakaran, <i>et al.</i> , "Metabolism of the "Swedish" amyloid precursor protein variant in neuro2a (N2a) cells. Evidence that cleavage at the "beta-secretase" site occurs in the golgi apparatus," <i>J. Biol. Chem.</i> , 271:9390-9397, 1996. |
| | C14 | Thinakaran, <i>et al.</i> , "Stable association of presenilin derivatives and absence of presenilin interactions with APP," <i>Neurobiol. Dis.</i> , 4:438-453, 1998. |
| | C15 | Tomita, <i>et al.</i> , "C terminus of presenilin is required for overproduction of amyloidogenic Ab42 through stabilization and endoproteolysis of presenilin," <i>J. Neurosci.</i> , 19:10627-10634, 1999. |

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